

WHAT IS CLAIMED IS:

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1. A management object process unit comprising:  
a control processing section for performing a  
control of selectively collecting a plurality of  
management objects from a managed device; and  
a memory section for storing the management  
objects collected from said managed device;  
wherein said control processing section includes  
an object managing section, having items of  
classification data for classifying the plurality of  
management objects respectively, for collecting those  
of the management objects in advance which are  
classified to a specific type by the classification  
data to store the collected management objects in said  
memory section, for checking, at a time of receiving an  
object collection request, the classification data for  
a management object requested by the object collection  
request, for retrieving the management object confirmed  
by a check result as being of the specific type from  
said memory section to transmit the retrieved  
management object, and for collecting the management  
object confirmed by the check result as being of a type  
other than the specific type from said managed device  
to transmit the collected management object.
2. A management object process unit according to  
claim 1, wherein said items of classification data  
items are stored in said memory section as management

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information which are respectively identified by a plurality of management object identifiers.

3. A management object process unit according to claim 2, wherein said each management information includes attribute data representing an attribute of a corresponding management object, and each classification data is determined based on a corresponding attribute data.

4. A management object process unit according to claim 3, wherein said attribute data includes at least one of a collection time required for collecting the management object, an access frequency of a collection request for the management object, and a value change frequency of the management object.

5. A management object process unit according to claim 3, wherein said attribute data includes a collection time required for collecting the management object, and said object managing section includes a processing section for classifying management objects requiring a short collection time to the specific type, and collecting the management objects of the specific type from said managed device to store the management object in said memory section before collecting a management object of the type other than the specific type.

6. A management object process unit according to claim 3, wherein said attribute data includes a

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[illegible]

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[illegible]

9. A management object process unit according to claim 1, wherein said object managing section includes a processing section, having a plurality of response processing rules for classified types which are classified by the items of classification data, for selecting one of the response processing rule based on the classification data for the management object requested by the object collection request to produce a response to the object collection request according to the selected response processing rule.

10. A machine readable recording medium having a  
15 program of a management object process recorded thereon,  
said process comprising steps of:

collecting those of the management objects in  
advance which are classified to a specific type by  
items of classification data to store the collected  
management objects in a memory section;

checking, at a time of receiving an object  
collection request, the classification data for a  
management object requested by the object collection  
request;

25           retrieving the management object confirmed by a  
check result as being of the specific type from the  
memory section to transmit the retrieved management

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object; and

collecting the management object confirmed by the  
check result as being of a type other than the specific  
type from the managed device to transmit the collected  
management object.

11. A recording medium according to claim 10,  
wherein said items of classification data items are  
stored in said memory section as management information  
which are respectively identified by a plurality of  
management object identifiers.

12. A recording medium according to claim 11,  
wherein said each management information includes  
attribute data representing an attribute of a  
corresponding management object, and each  
classification data is determined based on a  
corresponding attribute data.

13. A recording medium according to claim 12,  
wherein said attribute data includes at least one of a  
collection time required for collecting the management  
object, an access frequency of a collection request for  
the management object, and a value change frequency of  
the management object.

14. A recording medium according to claim 12,  
wherein said attribute data includes a collection time  
required for collecting the management object, and said  
management object process includes a process for  
classifying management objects requiring a short

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before collecting a management object requiring a long collection time.

17. A recording medium according to claim 13,  
wherein said management object process includes a  
process for updating, at the time of receiving a object  
collection request, the attribute data for the  
management object requested by the object collection  
request, and determining the classification data for  
the management object based on a result of update.

10           18. A recording medium according to claim 10,  
wherein said management object process includes a  
process for selecting one of response processing rules  
for classified types which are classified by the items  
of classification data, based on the classification  
15 data for the management object requested by the object  
collection request to produce a response to the object  
collection request according to the selected response  
processing rule.